

DXCC OR WAZ



63 Years of DX-cellence



December 2011

BULLetin

The Southern California DX Club Newsletter est. 1947

*"If you need him get
in there and work
him"*

The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The newsletter is published every month and is released to its members about the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with the recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the editor, Bill:

n6rv@scdxc.org

Meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48,(-) 100Hz PL



NCDXF Platinum Contributor

HOLIDAY PARTY!!



**The Reef
Long Beach near the Queen Mary
Sunday December 11th 11:00 AM**

• Time to Renew!

• CQWW CW Contest Plan

- DX of the Year Submissions Are Due!**
- Clipperton Award Submissions are Due**
- Still Need Articles, Reporters and Help!**

Making friends all over the world using the magic of Amateur Radio.
Sponsors of the International DX Convention, since 1949

URGENT!!!!

Club Awards

DXer of The Year

The DXer of the Year nominations must be submitted to our secretary, Steve, W6NRQ, before the January board meeting. Any full member can nominate someone, except themselves. The board votes on the nominees at the January hand-off board meeting, after the January meeting where elections are held.

The Clipperton Award

The Clipperton Award submissions must made before the January board meeting. See the new rules for the award. Rookies submit their logs to a board member who checks them and then submits the results to the board. The board reviews the submissions and based on total countries the winner is decided.

It is Time to Renew Your Membership

It is time to renew your membership! Renewal deadline is the end of January. Board nominees must have their dues in before the end of January and must be paid up for 2011. The renewal application is two pages down and on the website.

Elections

The board has completed the slate of candidates for the officers of the club. If any full member would like to run for office please let us know before December 15th. The positions that have more than one candidate will be given room in the newsletter for a profile. The uncontested positions do not need to submit a candidate profile.

Holiday Party!

The 2011 Holiday Party will be held at The Reef Restaurant in Long Beach. The application is on the following page and on the website. Do not miss this great feast with friends and fellow club members! So far over \$2000 in prizes have been rounded up! Bring your appetite and wallet!

Also pay close attention to the signs guiding you to the restaurant. It appears that the access road is under construction and the route changes as the construction nears completion. Your GPS device and MapQuest may not be up to date so pay close attention to the sign. The venue is near the Queen Mary and has a spectacular view of the harbor. Reservations are due by November 28th!

See everyone there!

Patch Competition

The Visalia 2012 IDXC Patch Competition ends this month. The winner will be selected by vote at the Holiday Party. Please submit your patch design early so we can have it ready to present at the party!



SCDXC
HOLIDAY PARTY
December 11, 2011



Date: December 11, 2011

Time: 11:00 am to 4:00 pm

Where: The Reef Restaurant
880 Harbor Scenic Dr
Long Beach, CA 90802
562-435-8013

www.reefrestaurant.com

Sunday Buffet Brunch \$35.00 ea.

Variety of delicious foods to choose from

We suggest that you make arrangements for carpooling for those that do not want to drive long distances or can't drive. Don't miss the fun! *Driving instructions, please visit website at: www.scdxc.org*

Cut registration form here



Registration Form
The Reef Restaurant
December 11, 2011

Deadline for returning Registration Form: November 28, 2011

Name: _____ Callsign: _____

Number of guest including yourself _____

Sunday Buffet Brunch \$35.00 x _____ = \$ _____ enclosed

Checks payable to: SCDXC and Send To:

Cathy Gardenias K6VC - 20902 Gardenias Street - Perris, CA 92570

k6vc@scdxc.org

2012 INTERNATIONAL DX CONVENTION PATCH DESIGN CONTEST



The 2012 IDXC Patch Design Contest has officially begun!

Don Bostrom, N6IC, is running the competition this year.



The rules are simple. Email your submissions to Don in jpeg, psd, or pdf format (n6ic@arrl.net) by the end of November. That gives him enough time to put together the candidate display for the December Holiday Party. He will present the patches to the Holiday Party attendees and they will vote for the winner.

Please keep the number of colors down to four or less. This reduces complexity and production costs.

The winner receives a free convention registration!





Southern California DX Club, Inc.

[Membership Renewal \[\]](#)

[New Member Application \[\]](#)

Date _____

Name _____ Birthday (MM) _____ Call Sign _____

Spouses Name _____ Birthday (MM) _____ Call Sign _____

Mailing Address _____

City _____ State _____ Zip _____

Telephone Home: (_____) _____ - _____ Do not list in club directory

 Work: (_____) _____ - _____ Do not list in club directory

E-mail: _____ Do not list in club directory or web site

Have you confirmed 40 CQ Zones? Not yet: Yes I have a WAZ certificate:

Spouse? Not yet: Yes Has a WAZ certificate:

Have you confirmed 100 Countries? Not yet: Yes I have a DXCC certificate:

Spouse? Not yet: Yes Has a DXCC certificate:

Are you an ARRL Member? No: Yes: Life:

--- Renewal Membership, Full or Associate - \$18.00 USD Per Calendar Year (Jan – Dec)

(Additional Family Members \$4.50 USD ea)

Overseas / Supporting Membership - \$18.00 USD Per Calendar Year (Jan-Dec)

New Membership, All Types - \$1.50 Times the Number of Months Remaining in Year
(Example: Join in September, pay 4 x \$1.50 – Family Members @ additional 25%)

BADGES

Small: (1.5" H X 2"W) Medium: (2"H X 3"W) Large: (3"H X 3.75"W)

\$10.00 USD ea including postage (to US addresses)

For badge shipping costs to overseas locations contact Mel Hughes, K6SY at k6sy@scdxc.org.

Make checks payable to Southern California DX Club or SCDXC

Mail Membership Fees and/or Badge Fees to:

Mel Hughes, K6SY, 28017 San Nicolas Dr., Rancho Palos Verdes, CA 90275

For club use only

Dues recvd by _____ Amt \$ _____ Date _____ Full Member

QSLs verified by _____ Date _____ Associate Member

DXCC WAZ Former Member _____ At-Large Member

Notes: _____ Supporting Member

2012 Officer Nominations

Another year has come and went! It has been a great deal of fun working with the current board and we know that the next board will follow in kind. Below are the nominees selected by this years board. As you know any full member can throw his hat into the ring. Please let our secretary know if you desire to run for any office. Also included below the list of nominees is the paragraph in the Officer Guidelines Manual that describes the nomination process. Thank the outgoing board for their work. It is often unrecognized and everyone on the board put in a lot of time and effort to make our club successful!



2012 OFFICER NOMINEES

President	Bill Kendrick, N6RV
Vice President	Ernie Nairne, N6HY
Secretary	Kris Jacob, KC6TOD
Treasurer	Cathy Gardenias, K6VC
Membership Chairman	Mel Hughes, K6SY
Director	George Jacob, N6VNI
Director	Larry Mallek, K6YUI
Director (Past President)	John Schroeder, N6QQ

2.0 Elected Office Duties and Responsibilities

The Club Board members are first nominated for office by the Nominating Committee which consists of the Board and announced in the December issue of the Club newsletter. Nominations are accepted from the floor at the election meeting. Each nominated position is then voted upon by the voting members present using an open or secret ballot. Elections are held during the January general membership meeting. The Board members will prepare a ballot to backfill any elected position that becomes empty. Officers are elected for the term (February to February). Board members are encouraged to attend all Club Board and general membership meetings. Normally all officers are elected for one term but with Board approval may succeed themselves. All e-mail directed to the Board of Directors should be acknowledged and should be responded to in a timely fashion by each Board member. The officers should meet as many times as required to conduct club business but, as a minimum, have at least 2 board meetings a year. The Board may, If convenient, use email during the year for some Club business.

THE PREZ SEZ

John Schroeder, N6QQ,
President – Southern California DX Club
n6qq@scdxc.org

Hello Everybody!

Afghanistan

After John, T6EE talk, you can get a feeling that this country is not ready for visitors. I wonder what the locals would think if you tried to put up a yagi type antenna at 50 plus feet? Thanks, John, for the informative presentation!

IDXC

The plans are going ahead for Visalia. Some of the programs are ready to go. If you have any ideas about a program, please let Jeff, K6JW, know.

Holiday Party

I hope you have sent in your reservations in. We are looking forward to meeting you in Long Beach. The deadline for reservations is November 28th.

Contests

Got some free operating time during December? Try one of these contests:

SSB Fans:

ARRL 10 meter contest on Dec 10-11.

CW Fans:

ARRL 160 meter CW -- Dec. 2-4

RTTY Fans:

OK DX RTTY on Dec. 17

See you at the Holiday Party.

[73, John N6QQ](#)

[President, SCDXC](#)

www.scdxc.org

International DX Convention: www.dxconvention.org

<http://www.qrz.com/db/N6QQ>



Treasurer's Report

Club financial information is available on request. Contact the treasurer.

Officer Guidelines

The revised version of the Officers Guidelines is available on our website. See the hyperlink below.

Code of Conduct

SCDXC endorses the [DX Code of Conduct](#)

See the hyperlink below.



VICE PRESIDENT'S CORNER

Bill Kendrick, N6RV,
Vice President Editor – SCDXC
n6rv@scdxc.org

Hello Fellow DXers!

Seasons Greetings! Another year has flown by and the DX has not stopped flowing! How did everybody do last month. I hope you had a great time on 12 and 10 meters! Boy they were hopping! And to think it is just the beginning of the sunspot cycle! We have at least a year until the peak! If you are planning to go somewhere take a radio with you! You can have the time of your life passing out a new country to the hungry DXers!

We have no presenter this month but we do have a great Holiday Party and a bucket of prizes to give out. Tell me have you been naughty or nice? It doesn't matter all you have to do is buy tickets! The Reef is a fine restaurant. The same owners of the Orange Hill Restaurant and the Odyssey Restaurant where we held prior Holiday Parties. The food is excellent and the venue is perfect! Access to the food courts are very open with little traffic.

Remember to renew your membership. Also the IDXC registration should be coming up soon on the website so keep an eye out for the announcement there.

73, de N6RV Vice President SCDXC

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DXer of The Year

Congratulations
Mel K6SY!

Clipperton Award

Congratulations

New Members

Please welcome new members:

Clay Davis
AB9A

Bruce Edgar
AB6BJ

Dan Warren
W6DAW

Ron Resnick
W2DDX

Paul Gussow
W6GMU

Peter Arninge
SM5GMZ

Vivian Wentworth
Kiston
W6NWF

Robert Kiston
KI6SBL

***Make sure you
meet and greet
them at the next
meeting!***

A BIRDSEYE VIEW OF THE NEW MEETING PLACE

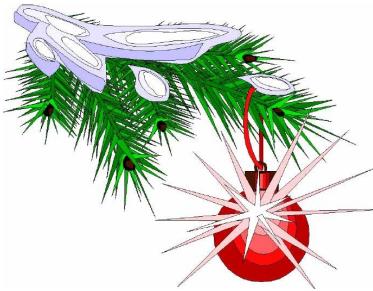
If you are wondering what the new meeting place looks like well here it is. What a great location! Thanks Don, N6IC, for the great shot and thanks Mel, K6SY, for providing the ideal venue! How about coming to a meeting. It is not too much farther than the old venue. In fact it is easier to find, right off of the 405 freeway!



New DXer Resources

[New DXers Handbook](#)

http://www.udxa.org/attachments/148_New_DXers_Handbook.pdf



RUMORS ON THE BAND

A plethora of announcements, rumors, and serious DX fun

The Big DXpeditions for this month are **Tuvalu, Sierra Leone, Ethiopia, Palestine, and Burundi** plus more! Not bad for December! The Solar Flux is up! Look for new ones during the ARRL 10 Meter Contest!

Malpelo Island (DJ9ZB)

Are you ready? In late January a team of brave individuals will be making their attack on this stone fortress! The call sign will be HK0NA and they have one of the best websites ever seen.

www.hk0na.com

This is a multinational team with many seasoned DXpeditioners and the very enthusiastic Columbian operators who have been very present in many of the DX contests with their new station! It is great to see another good team hitting it hard. Malpelo has not been activated for some time and if you read the reconnaissance trip report you will understand why! This is one Dxpedition where we should set up a matching fund. Thanks Franz, DJ9ZB, for bringing this to our attention!

Blue Information indicate particularly rare entities and **Red information** indicate SCDXC member attended DXpedition. As always you have to turn on your radio to work them.

Useful DX Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailidx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
[/www.dxing.info/dxpeditions/](http://www.dxing.info/dxpeditions/)

DX 425 News
www.425dxn.org/dxped/

Dx-info.de
www.dx-info.de

DX Italia DX News
www.marioi2mqp.it

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

Call	QTH	Start Date	End Date	Information	Website
T2T	Tuvalu	Now	12/6/2011	VK4FN, VK4FW, VK4NEF, NL8F, K4ZLE, W5SL 160-6M SSB CW RTTY PSK	http://t2t.pacific-dxers.com/T2T.html
EL2A	Liberia	Now	12/2/2011	AA7A G3SXW G4BWP KC7V KY7M N7CW	-
9L0W	Sierra Leone	Now	12/2/2011	DJ8NK DL5CW DL9USA DL2VW DJ9RR	http://www.mdxc.org/9l0w/
GJ6UW	Jersey	12/2/2011	12/7/2011	G3ZAY G7VJR JA1LZR JF1PJX JQ2GYU 160 80m for Asia and Japan; CW SSB RTTY	-
XV2LC	Vietnam	12/2/2011	12/8/2011	VK6LC 20, 17, 12m CW	-
V2/DJ2BQ	Namibia	12/2/2011	1/16/2012	DJ2BQ	-
6W/AA1AC	Senegal	12/4/2011	12/11/2011	AA1AC	-
J68UN	St. Lucia	12/4/2011	12/12/2011	W3FF N7UN WD9CMD N7BF WF2S K9CJM AA4OC WU1B 160-10m; SSB CW RTTY PSK & ARRL 10m Contest as J68UN	https://sites.google.com/site/caribbeanbuddies/home
ET3AA	Ethiopia	12/8/2011	12/13/2011	K1LZ K3LP K3VN N6PSE N2WB	http://www.k3lp.com/et3aa_december_2011.htm
V25R	Antigua	12/9/2011	12/11/2011	K6IF 10M Contest	-
E44PM	Palestine	12/14/2011	12/31/2011	HB9IQB HF mainly WARC CW	http://www.hb9iqb.ch/palestine.html
V5/DH3WO	Namibia	12/26/2011	1/5/2011	DK1CE	-
V5/DK1CE	Namibia	12/26/2011	1/5/2011	DK1CE	-
V5/DJ2HD	Namibia	12/26/2011	1/16/2011	DJ2HD	-
9U3TMM	Burundi	12/28/2011	1/4/2012	IV3TMM HF SSB RTTY	-
N0TG/CY0	Sable Island	12/29/2011	1/6/2012	N0TG, WA4DAN, AA4VK, N1SNB all using /CY0	http://www.cy0dxpedition.com/
T88OW	Palau	12/30/2011	1/8/2012	RA0FF	http://palau.rental-shack.com/english/
V5/DL1ZU	Namibia	12/31/2011	1/13/2012	DL1ZU	-

DX ACCOMPLISHMENTS

Celebrate the Successes of Our Fellow Members!

The DX Standings Webform is Up and Running!

There were so many updates to the standings this month! It is all because of the excellent webform Jim built for our website. The following contributed:

KC6X	W6AUG
N6HE	K6GEP
NS6C	KR6C
K0OK	K6ND
W6ENZ	K8RD
K6DJ	KM6HB
K6IPV	N6DHZ
N6RV	K6IPV
K6FG	W8DX

If you notice we now post 10 band WAZ. What? You have no zones on 6 meters? You better get cracking!

Check it out and give it a test drive!

<http://www.scdxc.org/dx-update.html>

Thank Jim for all his hard work. If you know him he is one very busy camper (pun intended)!

SCDXC WAZ and DXCC Standings (N6RV)

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M Mixed
P Phone
C CW
R RTTY
5 5 Band

The first DXCC column is the confirmed entity count with deleted countries. The second column is the confirmed current entity count.

If you have any information to post please email me:

N6RV@SCDXC.ORG



WAZ STANDINGS

	10B / 5B	Awards
K6ND	378 / 200	M/5
W8DX	357 / 200	M/5
EU7SA	357 / 200	M/5
N6AW	355 / 200	M/P/C/5
WA5VGI	352 / 200	M/P/C/5
W6SR	342 / 200	M/P/C//5
K6YUI	337 / 200	M/P/C/R/5
W6YOO	303 / 200	M/P/C/5
K6YRA	280 / 200	P/5
WD6L	248 / 200	M/P/5
N6OU	220 / 200	M/5
K6UNR	/ 200	M/P/5
W6VX	352 / 199	
NS6C	198 / 198	
K6FG	359 / 197	M/P/C/R/5
K6GXO	326 / 196	M
N6MXU	155 / 193	
K2PLF	191 / 191	
KC6X	289 / 189	M/P/C/5
SM5GMZ	300 / 187	M/P/C
K6LD	314 / 186	M/P/C
N6RV	298 / 184	M/P/C
KH6DX/m	210 / 184	
K6SY	246 / 173	P
W6ZPL	237 / 173	M/P
KJ6Y	261 / 172	
KR6C	281 / 169	M/C
AD6KQ	226 / 164	
N6DHZ	214 / 160	P
K6KII	191 / 177	M
KH6MB	181 / 174	
NK6A	152 / 152	M/5
N6QQ	185 / 295	M/P/C/R
W6IRD	181 / 147	M/P
W6NRQ	180 / 147	M/P
WA6BOB	152 / 136	M
K6IRD	154 / 126	M/P
N6HE	116 / 116	
W3SE	102 / 112	
K6IRA	118 / 102	
K6VC	96 / 96	P
W6EA	92 / 86	
N6UC	78 / 78	M
KA6TTV	82 / 67	
N6VNI	86 / 64	
N6GIL	49 / 43	
W6DCK	40 / 40	P
WB6PSY	40 / 40	P
K6JW	40 / 40	M/P
KT6LA	40 / 40	
K6YR	39 / 39	
NZ6L	36 / 36	
W4EF	29 /	
N6AWD		M
N6HC		M/P/C
KB6KTV		P
W6OES		M
K8RD		C

DXCC STANDINGS	
TOT / CUR	
K6KII	386 / 340
JA1BK	377 / 338
K6YRA	376 / 340
K6EXO	370 / 338
K6YUI	365 / 341
N6UC	365 / 338
K6DJ	363 / 341
NS6C	360 / 341
K6IPV	359 / 338
W6HT	358 / 338
W6SR	357 / 340
WA6WZO	356 / 340
K8RD	356 / 341
N6AW	355 / 337
K6FG	355 / 341
K5KT	354 / 340
N6RV	354 / 339
W8DX	353 / 341
K2PLF	353 / 340
W6OES	351 / 334
W6AUG	350 / 341
K6GXO	350 / 338
KC6X	349 / 340
N6QQ	348 / 333
K6ND	347 / 341
W6OM	347 / 337
WB6PSY	347 / 336
W6ENZ	346 / 338
W6YOO	344 / 338
K6LD	344 / 338
EU7SA	343 / 336
W6KK	343 / 339
W6VX	343 / 338
N6AWD	343 / 336
W6DCK	342 / 336
WA5VGI	342 / 336
KB6KTV	340 / 335
KR6C	339 / 341
N6HC	338 / 333
N6OU	334 / 329
N6HY	333 / 329
AD6KQ	328 / 328
W6IRD	327 / 324
K6JNJR	333 / 332
SM5GMZ	333 / 329
KM6HB	332 / 327
W6QE	332 / 324
KJ6Y	327 / 323
K2IXQ	324 / 325
W6ZPL	317 / 317
K6SY	312 / 310
N6MXU	301 / 297
K0OK	298 / 297
W6HB	297 / 291
WD6L	295 / 295
N6DHZ	288 / 284
W6NRQ	285 / 281
N7CQQ	268 / 266
K6GEP	267 / 262
N6WIN	258 / 253
NK6A	255 / 255
K6JW	253 / 251
K6DJ	251 / 249
K6YR	244 / 244
W3SE	240 / 237
K6HCJ	235 / 235
K6IRD	235 / 235
K6GEP	229 / 226
K6VC	227 / 227
N6VNI	223 / 223
ZL3TE	222 / 220
KNGVF	206 / 205
KT6LA	202 / 202
WA6BOB	202 / 198
W6WW	165 / 165
K6LX	175 / 175
N6HE	173 / 166
W6DOE	164 / 162
W6EA	152 / 152
KA6TTV	149 / 149
K6OGO	142 / 142
W4EF	132 / 132
WA6NOL	127 / 126
NZ6L	27 / 27



SCDXC MATCHING CONTRIBUTIONS

A request to establish a matching fund for the T32C DXpedition was sent to John, N6QQ, along with an initial contribution. John diligently applied the established matching fund decision process. Board members were given the opportunity to comment and vote on the issue. The board voted by the narrowest of margins not to set up the fund. There were several compelling reasons for and against the fund. Both sides argued regarding the location Christmas Island. The opponents indicated this is a fairly common entity while the proponents indicated that many members need it for DXCC. The individual Dxpedition budget is fairly limited and there are two more major candidate DXpeditions that will occur before year end. The cost of getting the club logo on the card and website was minimal (\$150) and the contribution by the member submitting the request almost covered that cost. As you recall the club matching limit would be \$250 which would wipe out the budget for the rest of the year.

In spite of the board voting not to directly support the DXpedition SCDXC still indirectly supports the operation through the \$2500 donation to the NCDXF. We also encourage individuals to donate. The Five Star DXers Association is a very deserving organization. They have activated many rare entities. They execute large operations with many operators often switching out teams to reduce the fatigue and allowing several operators to stay within their vacation time budget. We look forward to their next DXpedition.

At our November Board Meeting a motion was passed to limit matching contributions to DXpeditions going to top 25 Entities of the QRZ DX Most Wanted Countries Survey. John received on the order of 20 requests for support since we announced the program last month. Other DXpeditions can ask for individual contributions and if the Dxpedition is approved by the board, a can will be set out. In that scenario matching funds will not be made. Furthermore any member can make a motion that the club create a matching fund, for a Dxpedition that is not in the top 25, at a general club meeting. Again only full members can vote.



SPURIOUS OUTPUTS

Comments, Announcements, and Interesting Tidbits Submitted by Members

Birthdays

Here are the December birthdays!

WF6A	Bill	K6AWB	Gabriel	K6GEP	Tim
K6HCJ	Marv	K6IPV	Don	W6IRD	Wayne
KB6KTV	Donald	AD6LV	Raymond	KI6SBL	Robert
KA6TTV	John				

Many happy returns and may you have many more!

QSL Routes (DJ9ZB)

Franz forwarded these QSL routes for publication!

3DA0HC	via ZS6BZP	CN2R	via W7EJ	P40GH	via WA2TTI
7X2VX	via F4EPP	CN8KD	via EA5XX	T77NS	via I4ZQS
9M2IDJ	via JA6IDJ	D2QV	via UT0EA	UN8GV	via RD3AY
9N7DX	via 4Z4DX	FY5LH	via F5KDR	VK9XM	via DL2RMC
9N7MD	via IK2VUC	HC7AE	via EA7FTR	TK4LS	via EB7DX
9G1MP	via W8MP	HU2DX	via DH7WW	XU7ACY	via W2EN
A52AM	via JA0JHA	J37LR	via VE3EBN	Z24EA	via DL4EA
A61M	via EA5GL	JT1DX	via JT1CS	ZF1EJ	via K6AM
A71DLH	via DL0LH	JV1A	via WV6E	ZF2OE	via OE2WNL
AH2J	via JR1VAY	KH7Y	via EA5GL	ZP9MCE	via EA5ZD

Thanks for the information Franz! It is always great to see an honorary member send information for the newsletter!

Old Ham Radio Films (N6VNI)

Gorge sent these links to two films from yesteryear. The first is for old gear lovers and the second was produced by a well known individual!

<http://tinyurl.com/Heavy-Metal-HAMS>

http://www.southgatearc.org/news/october2011/vintage_film_the_world_of_amateur_radio.htm?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+AmateurRadioNews+%28Southgate+Amateur+Radio+News%29

Various Items from Urban (W6MPB)

Urban has provided some websites of interest:

New Digital Receiver Design: http://www.bonito.de/radiojet/infos/en_rj10_home.htm

Levitation: http://www.quantumlevitation.com/levitation/See_it_in_Action.html

SPURIOUS OUTPUTS

New Look for JA3CZY (W6NRQ)

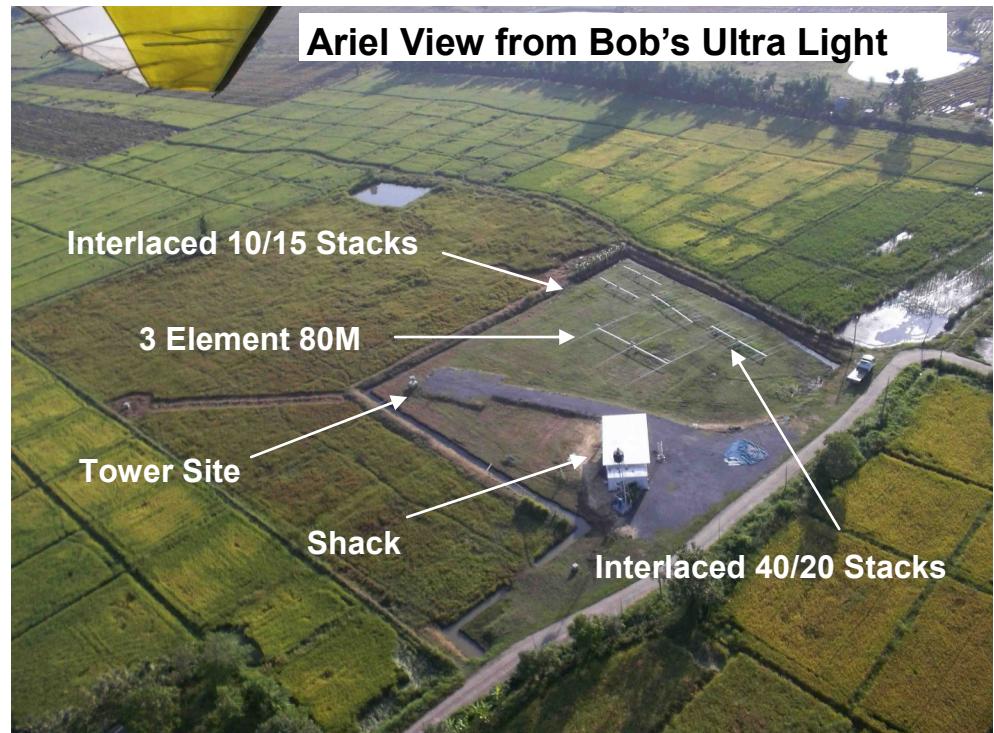
Steve forwarded the following photos of Elvin's new 10 Meter Beam. What a great installation! It includes a loop and dipole as well as a multiband yagi and the 10 Meter yagi all on a tower on top a multi-story building.



SPURIOUS OUTPUTS

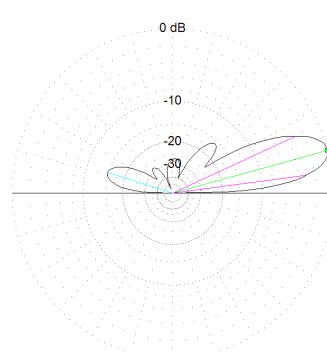
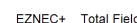
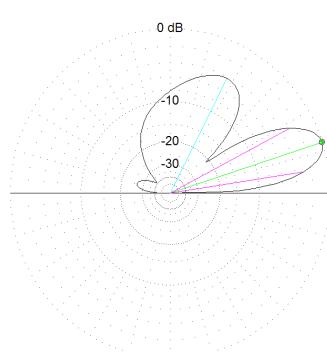
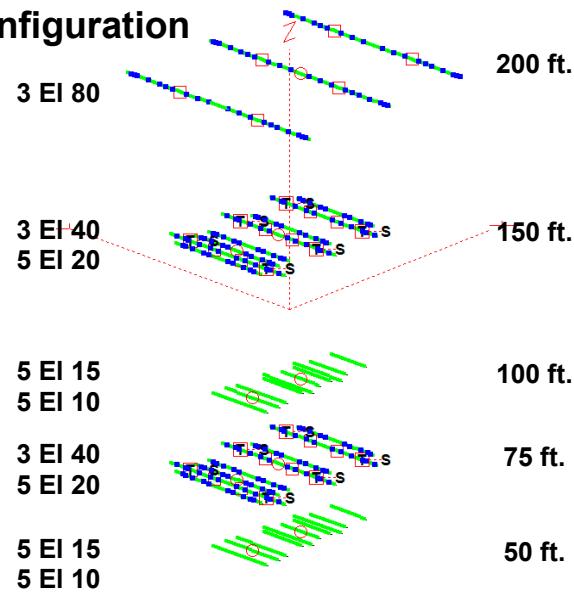
N6BK / HS0ZIA Super Station (N6RV)

Bob Kupps, N6BK, has been assembling a superstation in Thailand. His plans include a 3 element 80 meter yagi, and stacks on 40 - 10 on a 200+ foot rotating tower. He is also planning multiplier antennas on separate tower. If you have not been following the news flooding in Thailand has destroyed the club station and the tower manufacturer's business is just coming back on line as the water recedes. Below are the pictures of the antennas... It just dried up at Bob's QTH. Hopefully he will be operational in a few months. Possibly we can convince Bob to give a presentation when he is in town or better yet a Skype presentation with a live station demonstration!



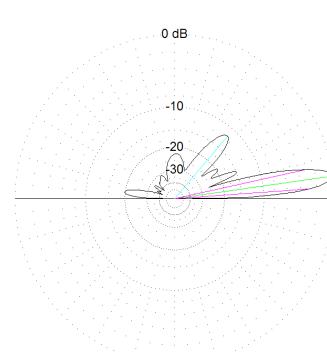
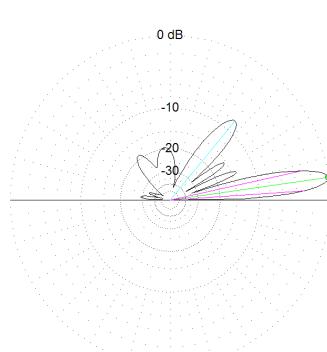
HS0ZIA Rotating Tower Configuration

EZNEC+



EZNEC+

Elevation Plot
 Azimuth Angle 0.0 deg.
 Outer Ring 10.1 dBref
 Slice Max Gain 10.1 dBref @ Elev Angle = 18.0 deg.
 Beamwidth 19.2 deg.; -3dB @ 0.7, 27.9 deg.
 Sidelobe Gain 5.88 dBref @ Elec Angle = 83.0 deg.



EZNEO

Elevation Plot
 Azimuth Angle 0.0 deg.
 Outer Ring 15.71 dBref
 Slice Max Gain 15.71 dBref @ Elev Angle = 8.0 deg.
 Beamwidth 6.3 deg; -3dB @ 3.9, 12.2 deg



Elevation Plot
 Azimuth Angle 0, deg.
 Outer Ring 16,3 dBRef
 Slice Max Gain 16,3 dBRef @ Elev Angle = 6,0 deg.
 Beamwidth 6,2 deg.; -3dB @ 2,9, 9,1 deg.
 Sidelobe Gain 11,15 dBref @ Elev Angle = 36,0 deg.
 Front/Sidelobe 5,15 dB

SPURIOUS OUTPUTS

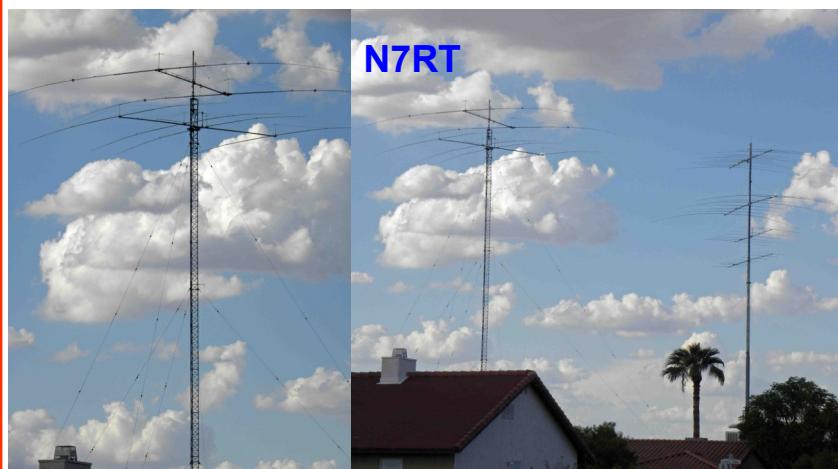
Ever Had the Feeling That Something is Following You? (N6RV)

Last October we went on another road trip to visit my father-in-law in Prescott, Az. and my son who just moved to Phoenix Az. About two trips ago I noticed several large installations the first coming into Prescott off of Iron Springs Road just before Williamson Valley Road. That station belonged to N7CW and is incredible. Unfortunately I have not taken a picture of Bud's tower yet. Then near my sister-in-laws mother's house in Chino Valley was a multi-tower set up. Lo and behold it was N6VR, Ray Benny, longtime DXer and contester extraordinaire. Just a few miles away is the QTH of former SCDXC president Jim Zimmerman, N6KZ.

This time driving onto my sister-in-laws mother's property I am looking straight at another antenna. Now this is a real buzz kill because I fantasized having a huge station in Chino Valley. The last time we were up here we went out with Bud, Ray, and Jim to a great Italian restaurant. During our conversation I discovered that just about every town on the mountain had a major station staking claim even Dewey, my alternate dream location. Furthermore every community had a thriving group of regular hams with towers and antennas you would see down here. So much for setting up a contest station in an isolated area!

Later that week we took a drive down to my son's home in Phoenix. Now there's a town that probably has few large antlers and probably restrictions up the Yazoo! As we depart my son's apartment we head to the corner, about 300 feet away, to get some gas, I made the unfortunate error of looking up. Great Goldwater's Ghost there is this huge installation feet from his front door. Well the neighbors must have thought I was crazy driving back and forth snapping photos of this impressive installation. A quick check on QRZ.com and I discover the station belongs to Hardy, N7RT. Pretty impressive. That is a 2 element 80 M beam with a 4 element 40 M OWA at about 150 feet!

All in all it seems like everywhere I go these antennas seem to follow me! Maybe they are everywhere watching us and we just didn't see them before!



SPURIOUS OUTPUTS

40 Meters Returns to the N6RV Stack! (N6RV)

I am sure many of us have a similar story. In 2003 a storm came through and broke the boom to element clamp on the driven element of the KLM 40M-2. The antenna was immediately removed and repairs began. Of course with the diminishing sun spots as well as the increasing work load the antenna project was shelved. A year later the idea of a new antenna was investigated. An M² 40M2L was ordered direct. A year later and the order was never filled. Two years went by and the thought of installing a new antenna resurfaced. This time the antenna was ordered though one of the ham stores, not direct. A few weeks later the antenna arrived. Again family issues and work sidelined the effort. A year later, in 2007 work started to falter and retirement was too inviting to pass up. With retirement came the chance to get out of Dodge and find a real QTH where big towers and antennas would be the order of the day. Why mess with the antennas here? It would be better to fix up the house and sell it. A year later the house remodel was complete. Within months the floor fell out of the housing market. The prospect of staying here for a few years while the market recovers was not too distasteful. So what to do with the old tower and antenna. Well, it is only a year or two why change anything? In 2009 my daughter gave birth to our first granddaughter. This was a game changer. How can we leave with our children living in LA? The next year SteppIR came out with DB-18E. This antenna looked great and impulsively it was purchased at the 2010 convention. A bigger antenna for Six Meters was also on the agenda. An M² 6M7JHV was purchased and assembled. About this time the prospect of a tower replacement also came into play. Several 89 foot towers became available from a ham's estate. Six months passed and no antenna. A call to SteppIR and it was in hand within a few weeks. After a year the tower replacement opportunity went into perpetual hold. They now seem to be the property of the IRS. Again with all the responsibilities of retirement slowing down the antenna project the assembly of the DB-18E was delayed until Spring 2011. Besides, who wants to take down antennas in contest and Sporadic E season. It is better to do it in late summer. Assembly of the DB18E however was no small task and required long hours and a great deal of do overs. By the time the antenna was done the window before contest season again came and went. Last month during CQWW SSB my low power score matched scores from last cycle running high power. A quick assessment revealed that a 20% increase in score would have been possible if a 40 M antenna was up and running. At the same time another tower opportunity arose. The tower would be available in the Spring. Put on the brakes! No 40 M antenna for 7 years is enough. It would be no big deal to put up the reconditioned KLM that was sitting in the garage rafters all this time. The new M² is still in the box and the time it would take to assemble would definitely run over the CQWW CW contest. It would only take a few days to put the trusty old KLM back up! Wow! It sure is harder to climb this tower than I recall. Two days passed and every joint in my body was aching. Hey, a mere seven years ago I was bounding up and down the tower. What happened? On the third day an email was sent to Skip. Hopes were dashed when he indicated that he would be gone for the next few weeks. I guess I will have to tough this one out. Finally, on the fourth day, the job was done! It would have been easier if I remembered that the boom was reachable from a ladder on the roof. Putting on the elements required only turning the antenna North. Hanging off the tower sliding the boom back and forth was not necessary. All through this task my thoughts were focused on one thing. "This is only temporary." The moral of the story: "If something breaks fix it and put it right back up then plan and execute the upgrade."

Now about that DB-18E, maybe next summer... I will let you know in a few years.

Returned to Its Former Glory



DB-18E at the Ready

2011 CQWW CW CONTEST PLAN

Well did everyone enjoy the CQWW SSB contest? It seems the SFI has been steadily increasing since that weekend. We had a maximum of 177 however the A and K indices were slightly higher. Did you notice how all the DX seemed to move up to 10 Meters? This is not an uncommon phenomena. As you look at the CW charts you will notice that the openings follow the MUF as it transitions through the bands. What looks like an East Coast advantage on 20 Meters is actually the MUF is too high. Catch the 20 Meter and 15 Meter openings first thing in the morning and then as the MUF drops catch the 15 Meter and 20 Meter openings again around sunset. Remember the early and late openings are usually not the same across the country. That means we have an advantage.

Since the SFI is on the increase the simulation for the CW portion of the CQWW was set with an SFI of 160 and a K of 1. Furthermore the minimum elevation angle was set at 1.5 degrees. It seems that elevation angle more closely followed the SSB weekend. Finally only openings with 50% probability and above were considered.

Another analysis was added to the set. This time we looked at long path openings for the rarer locations. With the SFI higher openings like this occur more often. Most of the time these openings give us an advantage over the rest of the US. The only issue is getting the DX to turn their antenna.

One thing to remember, a plan only works in as much as the DX cooperates. There may be great openings on 20 and 15 but all the DX for some reason runs up to 10 meters. You have to follow suit! Hopefully there are DX operators who know to change bands to increase rates.

Did anyone catch the Indian Ocean openings? Yep, the openings to that region as well as deep Asia were in full swing. Expect the same for the CW segment. In fact during the CW portion of the contest the availability of rare DX is higher. It seems they are easier to work and there are more of them. 8Q, 5H, VU2, VQ9, FH, and S7 all should be easy to pick up they are active.

Did you notice that 40 and 80 were terrible? The models did not predict this. Possibly since we were so close to summer the lower bands did not step up. Possibly with the long openings on the higher bands fewer stations paid attention to 160 through 40. I did not have an antenna on 40 and I worked very little on 160 and 80 nevertheless I broke 1,000,000 point and 1000 QSOs. That was with 100 watts! Hopefully this will be different for the CW portion. Remember it is easier to work stations on CW by about 25 dB (the difference in bandwidth). Also the CW portion of 40 is much wider and less congested. Had I spent more effort on the lower bands picking up a few more Qs and many more multipliers it would have been 1.5 Megapoints and 1300 Qs. The 40 meter yagi goes up this week! The 80 meter loop will be tuned for CW and ready to roll. That means only 8 to 10 hours sleep during that weekend. It will be time to rest after the test! For those with low antennas on 40 and 80 remember that at sunrise and sunset there is an enhancement where the ionosphere bends your high angle signal to a lower angle giving a real boost to your DX reception.

If we do not have disturbed conditions this will be one of the best contests in many years as was the SSB portion. Get out and chase those rare ones! DX contestants are great listeners. They want your contact and will go to great lengths to work you. This means more band countries and high DXCC standings not to forget that most DX contestants dump their logs on LOTW. Recall the traffic jam right after the SSB contest? That means almost instant confirmations without the out of pocket expense of sending out SASEs!

See everyone in the CW portion. Get ready to rumble!



2011 CQWW DX SSB CONTEST STRATEGY

EU - Europe Af - Africa IO - Indian Ocean ME - Middle East Cas - Central Asia As - Asia Pac - Pacific SA - South America Car - Caribbean

Red - Rare Opening **Blue Primary** **Band Green** **First Alternate Band Black** - Predicted

Try to come up with a trend. Remember there will be a great deal of activity running up to the contest.

List what has been on each band and note the time.

Run across all bands and note who is on what band. For this very reason stations usually stake out a frequency a half hour before the start. See if there is any indication that 10 and 15 will be open. Start at the highest band that is open. I may not open again during the day.

Day 1

Day 2

This should be the most productive period for Asia on 15 and 10. Do not forget to look for Africa on 15 and SE Asia on 20.

Concentrate on Asia and the Pacific. The first hour is critical since 15 and 10 close early. Stay on 10 as long as you can working AS and the Pacific.

At mid hour you should be coming off of 10 and on to 15. This is grey line and honestly you have to run across 80 through 20 looking for rare openings to Afr, IO and Deep Asia.

This is another chaotic time. It is the only time to look for the Indian Ocean on 40. It is also the time when the MUF is failing and you need to follow it to maintain a good rate. Europe will be on both 40 and 20 and it is a good time to pick up SA on 20. The Pacific and Asia will be on 10 & 15. Move fast.

Remember the Pacific on 10 15 & 20. Do not miss the multipliers!

10 should be dead or have a few Pacific stations going. 15 will still have Pac, Asia, and SA. It should be the primary band for about the first 15 minutes then move to 20. 20 should be packed with Eu, Pac, IO, SA, and ME. It has become a nighttime band. Look for the ME on 40 and Afr on 80

Remember the Pacific on 10 15 & 20. Do not miss the multipliers!

Keep on 20 as long as you can. There are lots of strange openings at this time. Then slip down to 40 for Eu and Afr and 80 to catch the band of interest. Europe may still be in on 80 and 40. Check 160 often. The Pacific and Asia will still be in on 20 plus there may be some Central Asians sneaking through and possibly Middle East.

This is a good time to sweep out 80 and 40. Also look at 160 and keep an eye on 20. With high SF1 there maybe a long path opening to the IO on 15 even a second short path opening to Japan has occurred as well as African openings on 15.

Asia will be coming up on 40 in one hour. Clean up Eu on 80 and 40 as well as SA, Pac and Car on 160 - 80.

Keep on the Pacific and Asia on 160 / 80 / 40

Keep on the Pacific and Asia on 160 / 80 / 40

Keep on the Pacific and Asia on 160 / 80 / 40

Good time to go to bed

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How To Read the Charts

The four charts supplied are a compilation of about 70 simulations using Shel, W6EL's, propagation program. For those familiar with propagation charts it should be easy to follow. If you are not familiar with propagation charts a little discussion is required. First the simulation produces a table of predictions, either signal strength or signal to noise ratio and an associated probability of occurrence. The probability is categorized into four groups (A > 75%, B between 75% and 50%, C between 50% and 25% and D less than 25%). This time only the category A & B probabilities were considered. The charts are laid out with time on the vertical axis and band with region of the world on the horizontal axis. The numbers represent the received signal to noise ratio. The colors are as follows. Red is the highest signal to noise ratio on that band to that region. Blue is a range that is 4 dB below the highest and grey is the range between 5 and 8 dB below the maximum. No background are openings greater than 8 dB below the maximum.

There are several parameters that make up this simulation. First, the basic simulation assumes a dipole and 100 watts at both ends. The default angle of arrival is 1.5 degrees and above. As you know the lower the angle of arrival the longer and often stronger the opening. All but the power parameter were adjusted for each band. On all bands the minimum elevation angle was set to 1.5 degrees. On 80 and 40 the dipole model was used. On 20 through 15 a 3 element yagi model was used. The parameters were set to simulate a nominal station in a residential environment. The gains represent a tribander at about 60 feet and dipoles on the low bands at the same height.

If the DX stations is a big gun then it may be as much as 20 dB louder than the predictions. Since the suppressed signal to noise ratios below 0 dB there will be times around the predicted times where these stations will be heard. Another word about the signal to noise ratio. The bandwidth used in the predict is 1.8 KHz. This is a wide bandwidth for detecting signals. You can actually realize a 12 dB improvement by using 100 Hz bandwidth. It may be possible to pull out a signal with a 0 dB SNR stated in the predictions. Typically an SNR 10 dB or above is the value that produces readable signals. Therefore the 12 dB improvement with narrowing bandwidth actually makes a -2 dB SNR readable.

You can adjust the numbers up and down to accommodate your specific station. The model assumed 100 watts on either end so signal levels could be 12 dB higher for 1500 watt stations and if they have better antennas then the tribander and wires used in the simulation you can tack on as much as 10 dB more. In general the numbers give a trend. Try to be on the band when the signals are the loudest. Also you can work the big guns when others have moved on. Do not spend a lot of time in those pile ups.

What the plan does not include is concurrent openings, like when the East Coast also has an opening to South America. It is always good to find the time when the openings do not favor another region. The DX station may not be pointing at the West Coast.

Hopefully the charts will help in developing a plan of attack or may be just an interest in propagation. It would be nice to get some feedback on the openings you found. If someone has several SDRs and a few hard drives maybe we can record the whole contest and play it back! That would be the ultimate way of seeing what was worked!

Have Fun!

2011 CQWW CW DX CONTEST LOS ANGELES PROPAGATION CHART SFI = 140 K = 1 CASE 2 AVERAGE STATION 50% Probability

BAND	LOC	10										15										20										40													
		UTC	Eu	Afr	IO	ME	CAs	EAs	NPac	S Pac	SA	CAR	EU	Afr	IO	ME	CAs	EAs	NPac	S Pac	SA	CAR	EU	Afr	IO	ME	CAs	EAs	NPac	S Pac	SA	CAR	EU	Afr	IO	ME	CAs	EAs	NPac	S Pac	SA	CAR			
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Rare Openings 50%

2012 INTERNATIONAL DX CONVENTION

A Great Time with Great Friends



This is fairly early on however we have already had three meetings. Roles and responsibilities have been fairly well established. We do need a volunteer to handle the seating. It requires registering the people as they make reservations on line and then assigning seats to those who come up at the banquet. The last several years CADXA has been performing this task. They ask that we do it this year. Carl, WU6D, has the process pretty well defined so it should only require an able volunteer.

The next meeting is at Skip and Marilyn's (KJ6Y and KJ6YL) QTH on January 7th at 10:00 AM. Everyone interested in helping should attend. Stay tuned for more information!



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The Desert Radio Amateur Transmitting Society
invite you to attend the 3rd annual



HAMFEST!



Jan 28, 2012. follow the rat @ desertrats.am

Saturday, January 28
9:30 A.M. to 4:30 P.M.

**Talk-in frequency:
146.940- PL 107.2**

Email us for more info:

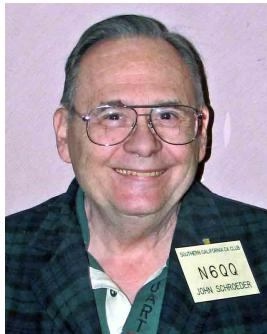
Peter VE7REZ ve7rez@desertrats.am

<http://www.desertrats.am>

Check ze Tweets @hamradio



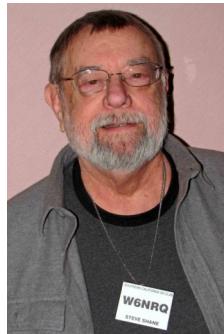
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*Saturday: Closed

*Sunday: Closed



WU6D/K6VC



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W6FL



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